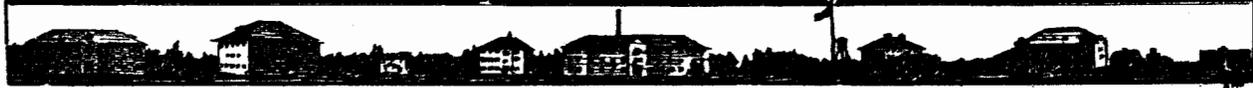


THE NORTHWEST MONTHLY



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VOL. X.

CROOKSTON, MINNESOTA, JANUARY, 1926

NO. 2.

SCHOOL HAS RECORD ATTENDANCE

As was expected the total attendance at the Northwest School has reached a high mark, with a total attendance of 288. All dormitory rooms were taken the first week of school with a number of students living in Crookston. The enrollment would have been still larger could students have found room at the school. The first term enrollment was 228 which was the largest fall enrollment in the history of the school. The total enrollment of this year has only been equalled once before which was in 1919-20 when 301 were enrolled.

Due to the agricultural depression in 1920 the attendance dropped to about 200 each year but each of the last three years has seen a steady advance until the high record reached again this year. The increase after the holidays was made up to a large extent of students who have attended other years but were unable to return for the term last fall because of the unfavorable weather at that time. That it has been hard for many to attend school during the past few years is evident from the fact that several returned who have been out of school for two or three years. One student attended for two years in 1918-1919 but could not attend again until this term. Others were in school in 1921 and others still in 1922. With the large freshmen and junior classes here now, the attendance during 1926-1927 will exceed all previous enrollments.

JUNIORS TO SPEND WEEK AT SCHOOL

A number of requests for information concerning the boys' and girls' week at the Northwest School have been received. This is an annual event at which time boys and girls between the ages of 12-20 may attend a short course for one week. The date this year is March 29-April 2 and comes at a time when most of the rural schools have their spring vacation. The expense at the school which will include board and room will be \$3.00. The instruction will concern boys' and girls' club work and other studies of interest to boys and girls on the farm and in the home. There is always an excellent recreation program of music, movies, games and excursions. Last year 273 boys and girls attended representing every part of Northwestern Minnesota.

JUDGING TEAMS WILL MEET

Stock and Grain Judging Contests
Will Be Held, Feb. 8

Northwestern Minnesota people, young, middle aged and old alike, are keen for contests of all kinds. At the Northwest School Farmers' week they have had the opportunity for nearly sixteen years to engage in certain educational competitions which have aroused much interest.

Livestock judging contests will include four groups, namely, (1) spec-

onstrate how best to show the various breeds of stock.

The twelfth annual school spelling contest will be held on Friday, February 12. Teams consisting of the two best spellers from each of the thirteen counties in this district will meet that day. Ten cash prizes will be awarded. The champions will receive a banner. Pennington county won this banner in 1925.

The better posture contest will be concluded by February 12 when the winners will be presented to the people at the close of the final spell-down on the spelling contest.

Much interest is being shown in all of these activities.

Special Trains to Winter Shows

The Great Northern will run two special trains to the Northwest School Farmers' Week Meetings and the Red River Valley Winter Shows this year. On Wednesday February 10, a train will run from Noyes to Crookston and return. On Thursday, February 11, a train will run from Warroad to Crookston and return. The Great Northern has authorized a single fare for the round trip, good on these special trains only. On all other trains the round trip is one and one-half fare.

On Friday, February 12, a train will run from Staples to Crookston and return over the Northern Pacific.

Boys' and Girls' Club Work

There were 3,753 boys and girls enrolled in the boys' and girls' club work in northwestern Minnesota during last year, according to A. J. Kittleson, assistant state leader of boys' and girls' club work who was in charge until October 1st, when he was succeeded by H. A. Pflughoeft.

During 1925 the enrollments distributed by projects were as follows: Dairy Calf 529; Baby Beef 98; Pig 235; Sheep 227; Poultry 336; Live Stock Judging 276; Potatoes 197; Corn 82; Garden 320; Colt 11; Bread Baking 534; Garment Making 663; Cake Baking 27; Canning 44; Leadership 44. Out of this number 3,150 completed their work, exhibited at local or State Fairs and turned in their records and reports.



Former Governor Frank O. Lowden, of Illinois, who will speak at Crookston, Feb. 10.

ial agricultural school teams, (2) farm club and township teams, (3) high school agricultural department teams and (4) inter-class teams from the Northwest School. It is expected that over 25 teams will enter these four groups. The teams in each group complete only against each other. There is no competition by groups. This contest will be held on Monday, February 8, beginning at 8:30 a. m.

The junior showing contest is a new one, open only to boys' and girls' club members, who will dem-

THE NORTHWEST MONTHLY

Issued Monthly by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE
C. G. SELVIG, Superintendent

OFFICE
Northwest Experiment Station,
Crookston, Minnesota

A monthly publication in the interest of
agricultural education and home training for
Northwestern Minnesota.

AN EPOCHAL MEETING

The annual meeting of the American Farm Bureau Federation held at Chicago early in December was honored by the presence at one of its sessions by President Coolidge who delivered an important address to its members and to the country at large.

The address traced the growth and development of agriculture in the United States in a most exhaustive manner.

On only one point did he fail to satisfy the members of the federation that he was addressing. He failed to suggest any solution with reference to the price-depressing influence of the surpluses of several of our major crops and products.

"This is a problem that must be solved," said Superintendent C. G. Selvig upon his return from this meeting. Senator Arthur Capper of Kansas, outlined the general nature of the export problem in an address delivered by him on the day following the President's address.

The election of Mr. Sam H. Thompson, of Quincy, Illinois, to the presidency of the American Farm Bureau Federation was a direct endorsement of the stand for equality for agriculture that farmers almost universally demand. In the meantime, The Northwest Monthly rises to ask where are the northwestern Minnesota farmers making their voice heard and needs known in any national organization?

1926 VALLEY WEEK

In this issue of the Northwest Monthly is printed the program of the sixteenth Annual Farmers' Week Women's Meetings held under the auspices of the Northwest School of Agriculture and the schedule of events in connection with the Red River Valley Winter Shows.

Read this program and the announcement carefully. It is a great educational week. The program is the best and most attractive one ever offered. The shows will attain new standards. The Red River Valley will outdo previous efforts at these meetings and shows.

The admission charges are used exclusively to meet necessary expenses.

In addition the Crookston Association of Public Affairs contributes annually \$1000.00 to assist in meeting the expenses. The entire week is a large educational undertaking, with no thought of individual remuneration to anyone, but with the idea of education, inspiration and stimulation for all.

Hundreds of people are giving unselfishly of their time and effort to advertise the meetings and shows, to secure neighborhood groups to attend in a body and in many other ways. This is why and how the Valley Week has grown from a small gathering of less than 150 in 1910 to the many thousands who come now.

Let us all get together and make the 1926 week the best of all. The railroads are doing their part in running these special trains. Let each community do its part and there will be no question as to the result.

—C. G. SELVIG.

PROGRAM Five Evenings

FEBRUARY 8

Dr. Dudley Crafts Watson

FEBRUARY 9

Dean W. C. Coffey

Former-Governor W. L. Harding,
of Iowa

FEBRUARY 10

Former-Governor

Frank O. Lowden, of Illinois

FEBRUARY 11

Governor Theodore Christianson,
of Minnesota

FEBRUARY 12

Male Chorus of 150 Voices

LAMBS WIN PLACE

AT INTERNATIONAL

Northwest Station Steer Scores

The exhibition by the Northwest Station of a carload of lambs at the International Livestock Exposition in Chicago, November 28 to December 4, was the conclusion of a year's work with western ewes and the lambs raised from these ewes.

A statement of the results of the year's work on this sheep project covers the wintering of the ewes, summer pasturing, feeding of the lambs and showing of the lambs at International.

In the show the lambs won fifth place. The lambs exhibited by the Station were shown at a disadvantage against lambs that had been blocked (trimmed of wool). Instructions received before the lambs were shipped was to the effect that in this special class no blocking was to be done. Blocking always adds to the show appearance of sheep.

From the standpoint of market finish, only, this carload of lambs was superior to lambs winning higher placing in the class. The fifty

lambs from the carload used in the show sold for \$17.75 cwt., on Dec. 3. The average selling weight of these 50 lambs was nearly 90 pounds. The remaining part of the carload was sold Nov. 28 for \$16.50 cwt., with an average selling weight of 70 pounds.

Northwest Choice 1319534, a yearling Shorthorn steer, bred by the Northwest Station and finished for the International Show by the Central Station at St. Paul, won eighth place in a class of 36 entries.

This was one of the strongest classes of fat cattle shown. The high honor of course always goes with the blue ribbon winner, but in a class where the competition is strong it is no mean honor to obtain eighth place.

Special Premiums

The Duroc Record association, The Hereford Cattle Breeders association and the American Shorthorn Breeders association are offering special premiums to the exhibitors of these breeds at the 1926 Winter Shows. The Duroc Association will give a special trophy to the exhibitor with the best herd, consisting of three sows and boar, any age.

Twenty-five percent will be added by the Hereford association to the regular premium won by Hereford exhibitors. To the amount of money won by the Shorthorn exhibition, one fifth more will be added by the Shorthorn Breeders association.

Holstein Breeders Will Meet

For some time the Holstein breeders of the Valley have desired a valley organization. On Feb. 10 an opportunity will be given to perfect an organization of that kind. At this meeting, R. E. Geiger Secretary of the Minnesota Holstein Breeders association, will explain the plan of the Red River Valley Holstein association and what can be accomplished by such an organization. Holstein breeders, whether owning purebreds or grades, should make Feb. 10 the day to attend the Winter Show and the Valley Holstein breeders' meeting.

SENIOR CLASS PLAY

The senior class play at the Northwest School is an amusing little comedy based on the "Mother" theme. The mother is the widow of the Methodist minister, a man who was 23 years her senior. She is left with twin children and \$2000. Freed from the influence of church Mrs. Stanley grows rather young and frivolous and shocked her children. Later a college professor enters her life and all ends well. The principal part is taken by Anne Flekke, Thief River Falls. Other important characters are the parts of father, John Covlin, Erskine; the twins, Edna Peterson, Grygla and Kenneth Par-duhn, Roseau, and professor, George Roisum, Bagley. The play is directed by Miss Ann Simley of the English department and will be given January 28 and 29.

SIXTEENTH ANNUAL Northwest School Farmers' and Women's Meetings

INFORMATION

PLACE OF MEETING is the Crookston Armory for the farmers' meetings and the Presbyterian Church for the women's meetings. On Friday afternoon the meeting will be held at the M. E. Church.

REDUCED RAILROAD RATES have been granted. Fare and one-half open rate. No certificates are required. Tickets are on sale February 6 to 12 inclusive, with final return limit February 15.

SPECIAL TRAINS.—St. Vincent to Crookston and return on February 10. Warroad to Crookston and return on February 11. Single fare for round trip on these two trains only. Detroit to Crookston and return on February 12.

ADMISSIONS. On arriving at the Red River Valley Winter Show building, secure your admission ticket to the Shows (only), \$.25. There is no ticket required for the women's meetings and for the day sessions held in the Armory; (excepting the rehearsal song program Friday afternoon). Day and evening combined on special ticket of Admission, 75 cents.

LODGING. For lodging accommodations inquire at the Lodging Booth at the Winter Shows building or at Winter Shows office in Armory.

LADIES REST ROOM. The committees representing five women's organizations of Crookston have secured the use of a commodious rest room for visiting ladies at The Palace Hotel. All are invited to use these rooms.

REST ROOM AT ARMORY. The rooms at right side of hallway in Armory have been reserved for the use of the ladies during the week of Feb. 8-12.

ASSOCIATION MEETINGS. Be sure to read carefully the announcements in these pages of the different association meeting, shows and conferences.

THE WEEK'S PROGRAM

MONDAY—Judging livestock, farm crops exhibits and poultry. Livestock and farm crops judging contest. Address by Dr. Dudley Crafts Watson, Director of Milwaukee Art Institute, in the evening. Women's meeting in afternoon.

TUESDAY—Judging stock and poultry. Farm crops meetings forenoon and afternoon in Armory. Conferences on farm mechanics topics in the morning. Address—Dean W. C. Coffey, St. Paul and by Former-Governor W. L. Harding of Iowa in the evening. Women's meetings both forenoon and afternoon.

WEDNESDAY—Livestock feeding demonstration and addresses in livestock pavilion in forenoon. Conferences on farm machinery, horticulture, bee-keeping, and poultry in the morning. Livestock meeting in Armory in afternoon. Address by Former-Governor Frank O. Lowden of Illinois in evening. Women's meetings both forenoon and afternoon.

THURSDAY—Meetings dealing with dairying in Armory forenoon and afternoon. Conferences on farm motors and poultry in the morning. Address by Governor Theodore Christianson, evening. Women's meetings in forenoon and afternoon.

FRIDAY—Meetings dealing with farm economic problems in Armory in forenoon. Conference on Farm machinery in the morning. Rehearsal of singers' program in Armory at 1:00. Admission twenty-five cents. Lincoln program, 3:00 o'clock, in M. E. Church. Evening program by Northwestern Minnesota Singers' Association.

ASSOCIATION MEETINGS

Members of the Livestock and Farm Crops Judging Contest teams and junior livestock exhibitors, annual dinner meeting, Crookston association, 5:30 p. m., Monday, February 8. Fifty cents a plate. H. A. Pflughoft and E. R. Clark, in charge.

Red River Valley Crops and Soils association annual business meeting, 11:30 a. m., Tuesday, February 9, in the Armory, R. S. Dunham, Secretary. Luncheon meeting at 12:00. Place to be announced.

Certified Potato Seed Growers will meet with A. G. Tolaas, Tuesday at 2 p. m., in gymnasium, Armory.

Red River Valley Holstein Breeders Meeting, 11:00 a. m., in Armory Wednesday, Feb. 10. Afternoon meeting will be continued at Crookston Association rooms.

Crookston Association of Public Affairs Noon-day Luncheon, 12:00, Wednesday, February 10. Dr. O. E. Locken in charge. Former-Governor Lowden of Illinois, will be present.

Red River Valley Livestock association meeting, 4:30 p. m., Armory, Feb. 10.

Red River Valley Guernsey Breeders association, annual business meeting, 3:00 p. m., in gymnasium, Armory.

Boys' and Girls' Club Conference 10:00 a. m., Wednesday, February 10 in the Armory. H. A. Pflughoft, in charge.

Minnesota Red River Valley Development association annual business meeting, Thursday, February 11. Place to be announced. W. L. Low, Secretary.

Northwest School of Agriculture Alumni association meeting, 5:00 o'clock, February 12 at Northwest School Auditorium. Mr. Thorval Tunheim, '16 Crookston, in charge.

EDUCATIONAL CONTESTS

Livestock Judging Contest for teams representing farm clubs, high schools, Northwest School, Interclass, and teams representing the University of Minnesota, Northwest School, Crookston and West Central School, Morris; Manitoba Agricultural College (sub-collegiate class), Winnipeg; S. D. School of Agriculture, Brookings, and Walsh County School, Park River, N. D. T. M. McCall and D. H. LaVoi in charge. Time: 8:30 a. m., February 8.

Judges: Sheep, W. E. Morris; Beef Cattle, A. A. Dowell; Dairy Cattle, L. V. Wilson; Swine, H. G. Zavoral; Horses, W. H. Peters.

Farm Crops Judging Contest, Teams from West Central School, Morris; Northwest School, Crookston; Walsh County School, Park River; and S. D. School of Agriculture, Brookings; and Sub-collegiate students, Winnipeg will compete in a farm crops judging competition.

Time: 9:00 a. m. February 8.

Judge: A. C. Army.

Red River Valley Spelling Contest will be held at 10:00 a. m., Friday, February 12 at the Central High School building. The two winners from Becker, Clearwater, Kittson, Mahnomen, Marshall, Norman, Pennington, Polk, Red Lake, Roseau, Ottertail, Roseau and Wilkin counties will be eligible to compete in this event. Committee: E. K. Sampson, Ada; Erba Poul-iot, Red Lake Falls and Ingeborg Espeseth, Crookston. Miss Anne Simley, in charge. The final spell-down will be held at 4:30 o'clock, at the M. E. Church.

A Better Posture Contest for school pupils will be held with P. F. Schmidt as chairman of the Better Posture Contest. Three medals will be awarded to the three highest contestants, at the close of the spelling contest, Friday, February 12, at the M. E. Church.

SHOWS AND EXHIBITS

Red River Valley Livestock Association tenth annual livestock show of beef cattle, dairy cattle, swine, sheep, horses and junior exhibits of dairy calves, beef calves, swine and sheep. This association owns the three buildings used for the Red River Valley Winter Shows. Judges: Dairy cattle, O. G. Schafer; Beef

cattle, C. N. Cairns; Swine, H. A. Derenthal; Sheep, W. C. Coffey; Horses, W. H. Peters; Junior classes by same judges as in open classes.

Minnesota Red River Valley Development Association sixteenth annual farm crops show. The first four farm crops shows were held at the Northwest School of Agriculture under the auspices of the institution. In 1914 the Minnesota Red River Valley Development Association was organized and took over the farm crops show. This is the twelfth under that management. Since 1922 the Red River Valley Crops and Soils association, has cooperated. Judges: A. C. Army, University Farm, St. Paul; A. G. Tolaas, St. Paul, and R. O. Bridgeford, Morris.

Northern Minnesota Poultry Association eighteenth annual poultry show. The exhibit is held on the second floor of Annex B. Judge: Geo. W. Hackett, Minneapolis.

Eighth Northwestern Minnesota Industrial and Implement exhibit. Other exhibits are:

Minnesota Public Health Exhibit.
Potato Disease and Marketing Exhibit.
Sugar Beets Exhibit.
Northwest School Educational Exhibit.
Boys' and Girls' Club Exhibit.

WINNERS OF LIVESTOCK TROPHIES IN 1925
Best Beef Herd, Monroe Bros., Warren.
Best Dairy Herd, F. B. Conklin, Thief River Falls.
Best Holstein Calf Herd, M. C. Kroneman, Fergus Falls.
Best Sheep Flock, Arthur Marsden and Son, Hendrum.
Best Swine Herd, Arthur Marsden and son, Hendrum.
Best Dairy Calf (junior show) Myrtle Himrum, Lake Park.
Best Sheep (junior show) Clarence Berquist, Detroit.
Best Baby Beef (junior show) Elvin Hanisch, Stephen.
Best Swine (junior show) trophy to be offered.
Best Peck of Wheat Geo. F. Peterson, Warren.

STOCK JUDGING CONTESTS

High School Contest, Warren.
Northwest School, Freshman Class team.
Farm Club, Joe River, (St. Vincent,) Kittson County.
Agricultural Schools, Winnipeg.

JUNIOR SHOWING

Junior showing team, trophy to be offered.

POULTRY SHOW TROPHIES

Largest and Best Display, Alfred Malmberg, Crookston.
Highest Scoring Cock bird, Geo. Suman, Bemidji.
Highest Scoring Hen, Geo. Suman, Bemidji.
Highest Scoring Cockerel, Wesley Manuel, Detroit.
Highest Scoring Pullet, A. E. Rickhoff, Superior, Wis.
Best Pen, Geo. Suman, Bemidji.
Best Dozen Eggs, H. W. Boltman, Crookston.

PUREBRED LIVESTOCK SALE

Holstein, Thursday, February 11.

SPECIAL MUSIC

Those who attend the Northwest School Week's meetings will enjoy the splendid music that will be given. The following groups are among those that will appear during the week:

Eighth semi-annual program of Northwestern Minnesota Singers' association, 1:00 and 8:00, Friday, February 12. T. W. Thorson, Fertile, is leader of the 9 chorus groups that make up the combined chorus.

The Choral Group of the Moorhead Music Club consists of Mesdames Edwin Littler, Frank Westberg, Fred Hill and D. C. Preston, first soprano; Mesdames William Russell, T. C. Wilson, J. A. Holvik and Miss Florence Bullard, second soprano; Mrs. Frank Rice and Misses Delia Widing, Elbeda Peterson and Myrtle Nellermon, altos. Accompanist, Miss Tekla Askegaard, Director, Mr. D. C. Preston. They were winners in the 1925 Ninth District Federation of Women's Clubs

Contest. Mr. Preston, tenor, will sing, also Thursday evening.

Four different bands, all directed by H. L. Smith of Crookston will play. They include Crookston Juvenile Band of 65 pieces; Crookston Municipal Band of 30 pieces; Ada Concert Band of 30 pieces, and Beltrami Band of 21 pieces.



DR. DUDLEY CRAFTS WATSON,
Chicago, who comes to Crookston for an address on Feb. 8.

FARMERS' MEETINGS PROGRAM

MONDAY, FEBRUARY 8

8:30 Livestock judging contest—Livestock Pavilion Judging Arena.
9:00 Farm crops judging contest—Crops Exhibit Room.
9:00 Judging grain, corn and potato exhibits—Livestock Pavilion, first floor.

MONDAY AFTERNOON

9:00 Judging poultry exhibits—Annex B, second floor.
1:30 Judging livestock exhibit—Livestock Pavilion Judging Arena.
5:30 Dinner meeting of members of judging teams, junior exhibitors and judges. Winners in the contests will be announced.—Crookston Association.

MONDAY EVENING

AUDITORIUM—ARMORY

Dr. O. E. Locken, President, Crookston Association of Public Affairs, Presiding.

7:30 Music—Crookston Juvenile Band, H. L. Smith, Director.

General Singing, Led by

Greeting—C. G. Selvig, President, Red River Valley Winter Shows.

Music

Address—"Art and Community Life."—Dr. Dudley Crafts Watson, Director Art Institute, Milwaukee.

There will be a parade of prize winning animals in the livestock pavilion judging arena at 7 o'clock.

Note: See the Livestock, Poultry, Farm Crops, and Pure Seed Shows, the Industrial Exhibit and the different educational displays. They are worthy of your interest.

TUESDAY, FEBRUARY 9

9:00 Judging livestock exhibits—Livestock Pavilion.
9:00 Judging poultry show—Second floor, Annex B.

MEETINGS

- 9:00 **Farm Crops Meeting—Main Hall, Armory.**
Making a Rust Resistant Wheat—O. S. Aamodt, St. Paul.
Potato Seed Certification—A. G. Tolaas, St. Paul.
Varieties Available for 1926—E. R. Clark.
- 10:00 **Farm Mechanics Group—Room B. Armory.**
Hardening and Tempering of Common Tools—A. M. Foker.
(a) Forging common farm tools.
(b) Tempering steel.
(c) Case hardening.
(d) Annealing steel.
- 10:30 **Women's Meeting—Pressure Cookers—** Miss Mary L. Bull, St. Paul.
- 11:30 **Annual Business Meeting of Red River Valley Crops and Soils Association—Mail Hall Armory.**
- 12:00 **Luncheon Meeting of Red River Valley Crops and Soils Association.** Place to be announced.



DEAN W. C. COFFEY,
University of Minnesota, Department of Agriculture,
St. PAUL

TUESDAY AFTERNOON

R. S. DUNHAM, Presiding

General Meeting—Main Hall, Armory.

- 1:30 **Alfalfa for the Red River Valley—A. C. Army,** St. Paul.
Music—
Corn for the Red River Valley—R. S. Dunham.
Making Crops That are Resistant to Disease—O. S. Aamodt, St. Paul.

TUESDAY EVENING

- W. C. Coffey, Dean, University of Minnesota, Department of Agriculture, Presiding.
- 7:30 **Music—Crookston Municipal Band, H. L. Smith,** Director.
General Singing, Led by
Greeting—Dean W. C. Coffey.
Music.
Address—The Great Lakes-St. Lawrence Tide-water Project—The Way to the Sea—Former Governor W. L. Harding, of Iowa.
There will be a parade of prize winning animals in the livestock pavilion judging

arena at 7 o'clock.

Note: See the Livestock, Poultry, Farm Crops, and Pure Seed Shows, the Industrial Exhibit and the different educational displays. They are worthy of your interest.

WEDNESDAY, FEBRUARY 10

- 9:00 **Awarding Championships—Livestock Pavilion.**

MEETINGS

- 10:00 **Livestock Meeting—Livestock Pavilion.**
Sheep, Baby Beef and Swine Feeding Trials—O. M. Kiser, Northwest School, Crookston; W. H. Peters, University Farm, St. Paul.
What the Market Wants—N. K. Carnes, Central Cooperative Commission Co., South St. Paul.
- 10:00 **Horticulture Group—Main Hall, Armory.**
Growing Plums and Apples in the Red River Valley—Hon. A. Grindelund, Warren.
Growing of Gladiolas and Flowering Perennials—J. Snyder, Warren.
Growing Small Fruits—E. W. Schuster.
Bee Keeping and Fruit Production—Prof. Fr. Jaeger, St. Paul.
- 10:00 **Farm Machinery Group—Room B. Armory.**
Lubrication of Farm Motors and Machinery—D. A. Milligan.
(a) Different Lubrication Systems.
(b) Problems of Lubrication.
(c) How to determine a Good Lubricant.
Flash, Fire and Vapor Start determinations will be run on any samples of oils free of charge for anyone submitting samples.
- 10:00 **Poultry Group—Room C. Armory.**
The Poultry Outlook—A. M. Pilkey.
Feeds & Feeding Poultry—N. E. Chapman, St. Paul.
- 10:30 **Women's Meetings—Batik, Tie Dyeing and** Paintex—Miss Louise Landis, St. Paul.
- 11:00 **Red River Valley Holstein Breeders Meeting—** Room D. Armory.
R. E. Geiger, Secretary, Minnesota Holstein Breeders Association, in charge.
- 12:00 **Luncheon Meeting at Crookston Association of** Public Affairs.

WEDNESDAY AFTERNOON

D. H. LaVOI, Presiding

Livestock Meeting—Main Hall, Armory.

- 2:00 **Improvement of Livestock Through a Purebred** Sire Campaign—W. R. Page, Grand Forks.
Factors in a Livestock Development Program for the Red River Valley—Dean W. C. Coffey.
Music.
Honey Production in the Red River Valley—Prof. Francis Jaeger, St. Paul.
Poultry Pays—N. E. Chapman, St. Paul.
- 4:30 **Annual Business Meeting of the Red River** Valley Livestock Association.
Presentation of Silver Trophies to Winners in Livestock Show.

WEDNESDAY EVENING

ARMORY

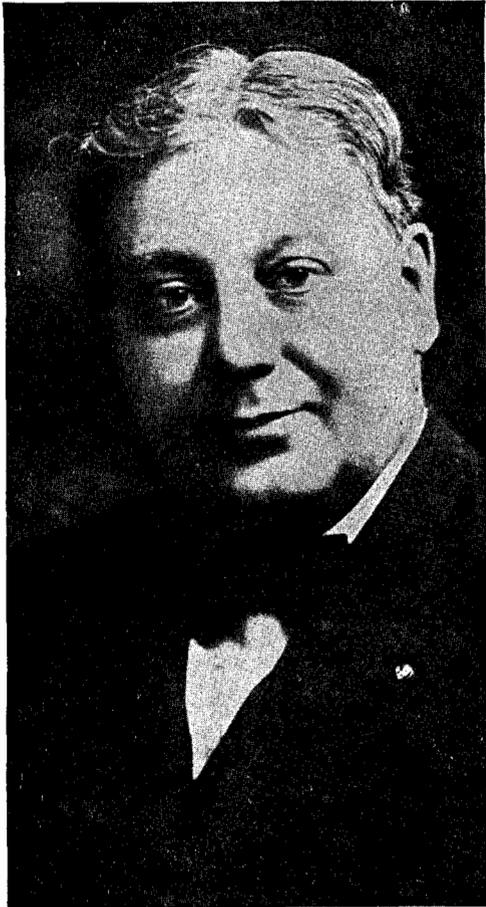
- C. G. Selvig, Superintendent, Northwest School of Agriculture, Presiding.
- 7:30 **Music—Ada Concert Band, H. L. Smith, Director.**
General Singing, Led by
Introduction of Mr. Peter Engelstad, Pioneer Farmer of Pennington County.
Music—
Address—"The Farm Problem"—Former-Governor Frank O. Lowden, of Illinois.
There will be a parade of prize winning animals in the livestock pavilion judging arena at 7 o'clock.
- Note: See the Livestock, Poultry, Farm Crops, and Pure Seed Shows, the Industrial Exhibit and the different educational displays. They are worthy of your interest.

THURSDAY, FEBRUARY 11

- 9:00 **Livestock Judging Demonstration—Livestock** Pavilion.

MEETINGS

- 10:00 **Farm Dairying**—Main Hall, Armory.
Growing Feeds for the Dairy Cow—O. M. Kiser.
Essentials in Building a Dairy Herd—Joseph Berg, Warren.
Care and Feeding Dairy Cows—Two Essentials for Success—A. J. McGuire, St. Paul.



FORMER GOVERNOR W. L. HARDING,
of Iowa, who will discuss the St. Lawrence-Great Lakes
Deep Waterways project at Crookston, Feb. 9.

- 10:00 **Poultry Group**—Room C. Armory.
Poultry Diseases—Dr. Harry Hedin, Crookston.
Selection of Birds—Geo. W. Hackett, Minneapolis.
Incubation and Brooding—N. E. Chapman St. Paul.
- 10:00 **Farm Motors**—Room B. Armory.
Farm Motor Troubles—D. A. Milligan.
(a) Carbon, Valve, Gasket and Bearing Troubles.
(b) Ignition and General Troubles.
The Costs of Operating Farm Machinery—D. A. Milligan.
- 10:30 **Women's Meeting**—Clothes—Ways of Avoiding the Home-made Look—Miss Louise Landis, St. Paul.

THURSDAY AFTERNOON

- C. G. SELVIG, Presiding
- 1:30 **Farm Dairying Meeting**—Main Hall, Armory.
Improvements Seen in Red River Valley Dairying—L. Houske, Halstad.
Music—
Feeding, Breeding and Housing our Poultry—N. E. Chapman, St. Paul.
Minnesota's Plan of Marketing Dairy Products—A. J. McGuire, St. Paul.

THURSDAY EVENING

ARMORY

- J. E. Sundberg, Kennedy, Member University of Minnesota Board of Regents, Presiding.
- 7:30 **Music**—Beltrami Band, H. L. Smith, Director.
General Singing, Led by
Address—"The Duties and Responsibilities of Citizenship."—Governor Theodore Christianson, of Minnesota.
There will be a parade of prize winning animals in the livestock pavilion judging arena at 7 o'clock.
Note: See the Livestock, Poultry, Farm Crops, and Pure Seed Shows, the Industrial Exhibit and the different educational displays. They are worthy of your interest.

FRIDAY, FEBRUARY 12

- 9:00 **Livestock Judging Demonstration**—Livestock Pavilion.
- 10:00 **Red River Valley Rural School Spelling Contest**—Miss Anne Simley, in charge—High School.

MEETINGS

- 10:00 **Farmers' Economic Conference**, Main Hall Armory. C. G. Selvig, Presiding.
Sugar Beet Production in the Red River Valley—L. E. Flink, East Grand Forks.

FRIDAY AFTERNOON

- 10:00 **Farm Machinery Group**—Room B. Armory.
Adjustment and Care of Tillage and Seeding Implements—D. A. Milligan.
- 1:00 **Rehearsal Program** by the Northwestern Minnesota Singers' Association. Admission 25c At Armory.

LINCOLN DAY PROGRAM

- Sup't. Arnold Gloor, Presiding, M. E. Church
- 3:00 **Music**—
Abraham Lincoln—Hon. F. W. Murphy, Wheaton Patriotic Program, Crookston Public Schools.
- 4:30 **Eleventh Annual Red River Valley Rural School Spelling Contest, Final Spell Down.**
- 5:00 **Final Elimination in Better Posture Contest.**

FRIDAY EVENING

SONG FESTIVAL

- 8:00 **Armory**
J. T. Hougen, President of Northwestern Minnesota Singers' Association, Presiding.
Eighth Semi-Annual Program of the Northwestern Minnesota Singers' Association. Grand chorus, assisted by Mrs. Nora Ulland, Contralto and Fertile Orchestra.
Member Choruses are Bygland, Crookston, Erskine, Fertile, Fosston, Mentor, McIntosh, Winger, and Northwest School.
Different nationality numbers will be given in addition to grand chorus numbers.
Note: See the Livestock, Poultry, Farm Crops, and Pure Seed Show, the Industrial Exhibit and the different educational displays. They are worthy of your interest.

WOMEN'S MEETINGS

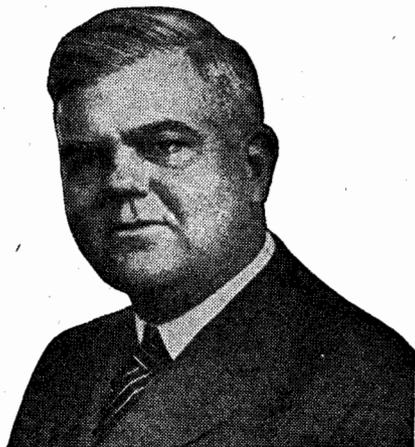
All the forenoon and afternoon women's meetings will be held at the Presbyterian Church. No meeting on Friday afternoon. On February 12, Lincoln's birthday, there will be a joint meeting of men and women which will be held at the M. E. Church. There will be no meetings held on Monday and Friday forenoons. At 1 p. m., Friday, at the Armory, the Northwestern Minnesota Singers' will give a rehearsal program. Those who cannot remain for the evening program should avail themselves of this opportunity to hear them.

Dr. Dudley Crafts Watson has kindly consented to speak at the afternoon meeting, Monday, February 8, on "Art and the American Home." It is a

great privilege to have Dr. Watson here and an exceptionally large attendance is expected for this occasion.

Miss Mary L. Bull, of University of Minnesota, home economics department, will present practical and up-to-date suggestions of interest to every homemaker.

Mrs. Agnes M. Fryberger comes on Tuesday to give a wonderful talk on the "Appreciation of Music." With Miss Ruth Raymond, head of the Department of Art Education, University of Minnesota, and Miss Mary Bull, there will be a truly remarkable program on that day.



GOVERNOR THEODORE CHRISTIANSON, of Minnesota, who is a Winter Shows speaker at Crookston, Feb. 11.

Miss Louise Landis, of University of Minnesota, home economics department, will give a demonstration showing Batik, Tie Dyeing and Paintex, and present up-to-date clothing topics, including style shows.

Dean W. C. Coffey will give one of his inspirational addresses. Former-Governor Lowden, of Illinois, has also consented to give a talk at Wednesday's session.

Miss Anna Swenson, director of rural education from our state Department of Education, will give an address teeming with interest and importance.

On Thursday, Governor Christianson will present an outline of Minnesota government which will be one of the outstanding addresses of the week.

Ladies Rest Room. The committees representing five women's organizations of Crookston have secured the use of a commodious rest room for visiting ladies at The Palace Hotel. All are invited to use these rooms.

Rest Room at Armory. The rooms at right side of hallway in Armory have been reserved for the use of the ladies during the week of Feb. 8-12.

MONDAY AFTERNOON

Mrs. C. G. Selvig, Presiding

- 1:45 Singing, Led by Miss Gurley.
 - 2:00 Storage Space Extended—Miss Mary L. Bull.
 - 2:45 Music
 - 3:00 Art and the American Home—Dr. Dudley Crafts Watson.
- Hostesses—Mesdames J. M. Hanson, R. H. Balfour, E. I. Bergan, C. W. Final, S. D. Fritz, E. H. Harding, A. E. Helland, R. F. Quaintance, A. J. Rossberg, Eugene Roy, B. W. Sewell, Fred Stainbrook.

A Reception Committee from the Matron's Club, of Crookston, will be in charge on Monday.

PROGRAM

TUESDAY FORENOON

Miss Retta Bede in charge

- 10:30 Pressure Cookers, as Time and Fuel Savers—Miss Mary L. Bull.

TUESDAY AFTERNOON

Mrs. W. H. Miller, Presiding

- 1:45 Singing, Led by Miss Ruth Gurley.
 - 2:00 Arranging the Living Room—Miss Mary L. Bull.
 - 2:30 At the End of the Rainbow—A talk on Color—Miss Ruth Raymond.
 - 3:10 Music
 - 3:20 What Music is Good For.—Mrs. Agnes M. Fryberger.
- Hostesses—Mesdames O. E. Locken, Elmer Erickson, A. R. Fairbanks, J. F. Fournet, E. O. Fratzke, John Frost, Theo. Garvik, F. A. Grady, Wm. Graham, P. K. Haselrud, Thos. LaPlante, E. O. Smith, E. Strandell.
- A Reception Committee from the Woman's Club, of Crookston, will be in charge on Tuesday.

WEDNESDAY FORENOON

Miss Laura Gerber in charge

- 10:30 Batik, Tie Dyeing and Paintex—Miss Louise Landis.

WEDNESDAY AFTERNOON

Mrs. G. E. Davis, President, Ninth District Women's Clubs, Warren, Presiding.

- 1:45 Singing, Led by Mrs. C. Merriam Stephens.
- 2:00 Style Show—New Spring Colors and Fabrics. Who can Wear Them?—Miss Louise Landis.
- 2:50 Address—Dean W. C. Coffey.
- 3:20 Music.
- 3:30 Address—Former-Governor Frank O. Lowden, of Illinois.

Hostesses—Mesdames Paul Hagen, J. H. Boucher, P. N. Brothen, R. E. Buckingham, A. C. Elliot, J. J. Flynn, E. E. Green, O. A. Halvorsen, Joe Herbranson, M. R. Hussey, J. Kohler, C. A. Kroog, J. C. Pratt.

A Reception Committee from the Legion Auxiliary, of Crookston, will be in charge on Wednesday.

THURSDAY FORENOON

Miss Fanny B. Lippitt in charge

- 10:30 Clothes—Ways of Avoiding the Home-made Look—Miss Louise Landis.

THURSDAY AFTERNOON

Mrs. H. W. Froelich, State Chairman of Community Service Committee Minnesota Federation Women's Clubs, Thief River Falls, Presiding.

- 1:45 Singing, Led by Mrs. C. Merriam Stephens.
- 2:00 Style Show—"Weight Doesn't Count"—It's Line and Color—Miss Louise Landis.
- 2:50 Objectives in Rural Education—Miss Anna Swenson.
- 3:20 Music.
- 3:30 The Government of Our Commonwealth—Governor Theodore Christianson.

Hostesses—Mesdames N. A. Thorson, Elmer Bertelson, W. H. Bissell, J. D. Boileau, Chas. Booth, L. R. Boyd, George Gonyea, J. E. Lappen, Sever Lee, F. C. Miller, John Perry, N. C. Schreiter, O. L. Smith.

A Reception Committee from the Current Events Club, of Crookston, will be in charge on Thursday.

FRIDAY AFTERNOON

Program in Armory at 9:30 o'clock of interest to men and women alike.

Rehearsal program of N. W. Minnesota Singers'. 1 p. m., at Armory.

Lincoln Day program at M. E. Church, 3:00 p. m. At this meeting, Mr. F. W. Murphy, Wheaton, will deliver the address on Abraham Lincoln.

The Rural School Spelling Contest will follow this program at the M. E. Church.

Hostesses—Mesdames M. O. Oppegaard, F. J. Blivens, Ed. Carlson, A. H. Coffin, C. G. Curtis, R. Drexler, Geo. Flaten, G. O. Hage, J. J. Medved, Chester Stebbins, W. L. Sullivan, Ida Swanson.

A Reception Committee from the Business and Professional Women's Club, of Crookston, will be in charge on Friday.

Pure Bred Seed To Be Distributed

Velvet barley, Gopher oats, Chippewa flax, and Northwestern Dent corn will be distributed from the Northwest Station this year, according to an announcement which is being sent out by the pure seed department this month. Velvet, the smooth-awned barley developed by crossing Improved Manchuria with Lyon, will be distributed for the first time, and can be furnished to only a few growers in each county. Not more than five bushels will be furnished to one grower.

About one thousand bushels of Gopher oats will be available at the station and considerable quantities are being offered by growers who obtained this variety from the station last year. On account of its earliness, stiff straw, and great yielding ability, Gopher has given general satisfaction throughout the state.

Fire-dried Northwestern Dent corn, of the early strain which has been grown on the station farm for the past eight seasons, will be distributed in small amounts to growers who have facilities for curing and storing at least a portion of the crop for seed. One hundred bushels of Chippewa, wilt-resistant flax will be offered; also Golden Vine field peas, an early variety recommended for Minnesota conditions.

All pedigreed seeds have been cleaned and are ready for shipment promptly when ordered. No seeds will be reserved except by special arrangement, hence growers who desire station seeds should apply at once and send orders in early. Complete information regarding descriptions, prices and amounts of varieties available may be obtained by addressing the pure seed department of the station.

SEED GROWER'S LIST WILL BE ISSUED

The annual seed growers list containing the varieties and amounts of pure seed offered for sale by growers in Northwestern Minnesota is being compiled and will be ready for distribution in time for the Winter Shows. Blanks were mailed early this month to all growers who have obtained seeds from the experiment station during the past three years, and all who wish to have their seeds included on this list must send in the information promptly.

Inquiries for seed of the best adapted varieties and for lists of pure seed growers are arriving at the station in every mail and the seed grower's list is published to supply this information. An effort will be made to keep in touch with growers who have listed their seed and a revised list of seed still unsold will be issued March 1.

The publishing of the annual seed

list is made possible by the financial assistance of the Red River Valley Crops and Soils Association which cooperates closely with the Northwest Station in pure seed extension work. All who are interested in obtaining or disposing of seed of improved varieties find it advantageous to maintain membership in this organization and the Minnesota Crop Improvement Association with which it is affiliated. One dollar covers membership in both associations and may be mailed to R. S. Dunham, Secretary, Crookston, Minnesota.

SEED CORN SITUATION

Damage to seed corn intended for planting next spring has been unusually severe this winter, according to E. R. Clark, seed specialist at the Northwest Experiment Station, who has been testing samples and collecting information regarding stocks of seed corn. Cool, wet weather during October prevented curing of corn in the field and in outdoor cribs, and the severe freezing weather early in November, when the temperature in this section of the state, destroyed the vitality of a vast amount of this corn, which had an unusually high moisture content.

Losses in other sections of Minnesota and also in adjoining states of the corn belt are described, in authentic reports, as equally serious. One firm at Minneapolis reports that all of their corn which remained out on October 30, with the exception of two very early varieties, shows losses in vitality which renders it worthless for seed. In one Iowa county, out of 200 samples of corn recently tested only 54.4 per cent grew and many samples were entirely dead. An Ohio dealer writes that conditions for drying corn in October in that state were the worst in fifty-nine years.

Growers who saved their own seed corn last fall should test it at once for germination, or send samples either to the State Seed Laboratory, University Farm, St. Paul, or to the Northwest Station, Crookston, for tests. Those who must buy seed corn for planting the 1926 crop should make an effort to supply their needs as early as possible. Seed corn should be obtained as near home as possible, as even standard northern varieties, when grown from seed obtained 100 miles farther south have proved to be late maturing when grown in the latitude of Crookston. Fortunately considerable stocks of home grown seed corn were carried over last summer by a few dealers, and this seed should retain its vitality if properly stored.

BEEF FEEDING TRIAL

In the feeding trial conducted at the Northwest Station this winter, purebred and high grade Angus

calves, are being fed on different grain rations.

The calves for this trial were secured from the Schermerhorn Farms at Mahanomen. They arrived at the Station Oct. 22 and were started on the feeding trial November 10. The calves were dropped last spring and averaged about 485 pounds in weight at the time the trial started.

There are four lots of eight calves each. All lots are fed alfalfa hay and silage. The grain rations are as follows: Lot 1.—50% ground barley, 50% ground wheat screenings and oilmeal. Lot 2.—50% ground barley, 50% ground oats and oilmeal. Lot 3.—Ground barley and oilmeal. Lot 4.—Ground barley.

The oilmeal is fed to the limit of 2 pounds per head daily and as much of the grain ration as the calves will clean up in a reasonable time. The oilmeal is fed with the silage. The grain ration is fed about ½ hour after feeding the silage and oilmeal. This method of feeding insures the consumption of the oilmeal and give the calves plenty of time to thoroughly clean up the grain between feedings. This method, also, give a better control in feeding the maximum amount of grain, which is desired in fattening baby beeves.

NORTHWEST STATION HOLSTEINS

The Holstein herd at the Northwest Station is now headed by Grahmholm Colantha DeKoe 288675, a son of Dutchland Cremelle Colantha Lad 165049, the senior herd sire of the Grahmholm Farm, Rochester. He was the first prize aged bull at the 1921 National Dairy Show, and has a growing list of thousand-pound daughters now numbering six, two of them have made over 1000 lbs., butterfat from over 33,000 lbs., of milk.

Grahmholm Colantha DeKoe 288,675 had two daughters showing at the 1925 fairs that won in the produce of dam class at the Iowa State Fair, second in the same class at the Minnesota State Fair and at the Waterloo Dairy Congress. These same heifers won fifth at the National Dairy Show at Indianapolis. The dam of this bull is a granddaughter of Spring Brook Burke and has a record of 929 pounds made when thirteen years old. This bull is an exceptionally well developed individual of the type sought by Holstein breeders.

In the Northwest Station herd there are now thirteen daughters of Sir Pietertje Mamsell Ormsby 358,486, the son of Mamsell Johanna 390124, the world's champion junior 4 year-old for milk production and the youngest 30,000 pound repeater. This cow is owned by the Spaulding Farm at Warren. The first in the senior yearling class at the 1925 Minnesota State Fair is a daughter of Sir Pietertje Mamsell of Ormsby and owned by the Spaulding Farm.